



MATERIAL SAFETY DATA SHEET

Emergency and information Telephone: (601) 622-7221
Chemtrec: (800) 424-9300

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Flexible Polyether Polyurethane Foam

SECTION II - HAZARDOUS INGREDIENTS

The product is inert under normal conditions. However, Urethane Foam is flammable, and it is classified as a flammable solid under federal regulations. Urethane foam should be kept away from heat, sparks and flames. Any sources of heat or fire, including, but not limited to, smoldering cigarettes and any other source of heat or fire can cause urethane foam to ignite. Once ignited, Urethane Foam may burn rapidly producing intense heat and flammable liquids, consuming oxygen at a high rate and producing dense smoke and toxic gases. Any of these results of ignition can cause serious injury or death. If Urethane Foam is cut, shaped, laminated or otherwise fabricated using hot wire or rolls, toxic gases may be produced which can cause serious injury or death. These cutting, shaping, laminating and fabrication operations should never be performed unless there is proper ventilation to remove any toxic gases.

If Polyurethane Foam is cut, shaped, shredded, or buffed by any means that produces dust, it should be treated as a "nuisance" dust and captured by vacuum exhaust if possible. Otherwise, personnel should wear dust mask.

SECTION III - PHYSICAL DATA

Form: Resilient, Cellular, Foamed Plastic
Density: Various. Density range: 0.90-3.5 pounds per cubic foot.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability Classification: HMIS = 1 Flash Point: >230 F
NFPA = 1 Closed Cup

Extinguishing Media: Water stream, spray, or fog. Dry Chemical. Foam

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SECTION IV -- FIRE AND EXPLOSION HAZARD DATA (CONTINUED)

Unusual Fire and Explosion Hazards:

If ignited, Urethane Foam may burn rapidly, producing intense heat and flammable liquids, consuming oxygen at a high rate, and producing dense smoke and toxic gases.

Special Fire Fighting Procedures:

Wear self-contained breathing apparatus and full turnout gear.

SECTION V -- HEALTH HAZARD DATA

Effects of Overdose:

Product is essentially inert unless burned or heated to the fuming point, where fumes should be considered toxic.

Primary Route of Entry: Inhalation of fumes.

Emergency and First Aid Procedure:

If overcome by fumes, remove victim to fresh air and, if necessary, administer oxygen. If breathing has stopped, apply CPR techniques until victim can be transported to a hospital or emergency clinic.

SECTION VI -- REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Will not occur.

Conditions to avoid: Heat sources such as: sparks, flames, light bulbs, cigarettes, welding torches.

SECTION VII -- SPILL OR LEAK PROCEDURES

Steps to be taken for clean-up: Pick, sweep, or vacuum up as with any inert flammable solid.

Waste Disposal: Conform to local, state, and federal regulations.

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SECTION VIII — SAFE HANDLING AND USE INFORMATION

Respiratory Protection: No special protection needed unless fumes or dust is involved.

Ventilation: None required unless fumes or dust is involved. If fumes are produced (see above), ventilation must be adequate to capture and remove fumes. Regarding dust, see above.

Protective Gloves: None required.

Eye Protection: None required.

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WARNING —FLAMMABLE!

KEEP AWAY FROM HEAT, SPARKS AND FLAME!

THIS PRODUCT IS OR CONTAINS URETHANE FOAM. URETHANE FOAM IS FLAMMABLE AND IS CLASSIFIED AS A FLAMMABLE SOLID UNDER CONSUMER PRODUCT SAFETY COMMISSION REGULATIONS. SOURCES OF HEAT OR FIRE, INCLUDING CIGARETTES AND ANY OTHER SOURCE OF HEAT OR FIRE CAN CAUSE URETHANE FOAM TO IGNITE. ONCE IGNITED URETHANE FOAM MAY BURN RAPIDLY, PRODUCING INTENSE HEAT AND FLAMMABLE LIQUIDS, CONSUMING OXYGEN AT A HIGH RATE, AND PRODUCING DENSE SMOKE AND TOXIC GASES. ANY OF THESE RESULTS OF IGNITION CAN CAUSE SERIOUS INJURY OR DEATH. IF URETHANE FOAM IS CUT, SHAPED, LAMINATED OR OTHERWISE FABRICATED USING HOT WIRE OR ROLLS, TOXIC GASES MAY BE PRODUCED WHICH CAN CAUSE SERIOUS INJURY OR DEATH. THESE CUTTING, SHAPING, LAMINATION AND FABRICATION OPERATIONS SHOULD NEVER BE PERFORMED UNLESS THERE IS PROPER VENTILATION TO REMOVE ANY TOXIC GASES.